AMENDMENTS TO THE CLAIMS

1. (ORIGINAL) A pipe connection comprising:

a pin formed with an elongated thread section and a sealing surface, the elongated thread section including reverse locking pin threads along the entire length of the thread section;

a box formed with box threads along an interior surface for direct engagement with pin threads of the thread section; ~~and~~

wherein the sealing surface forms a metal-to-metal seal with the box and the pin threads engage with the box threads along the entire length of the thread section for preventing the exacerbation of corrosion of the box threads;

wherein a majority of the pin threads comprise:

a pin thread front face oriented at a first predetermined angle; and

a pin thread rear face oriented at a second predetermined angle;

wherein the first predetermined angle is 45°; and

wherein the second predetermined angle is 45°.

2. (CANCELED)

3. (ORIGINAL) The pipe connection of claim 2, wherein the box threads comprise:

a box thread front face oriented at a substantially similar angle as the pin thread rear face; and

a box thread rear face oriented at a substantially similar angle as the pin thread front face.

4. (ORIGINAL) The pipe connection of claim 1, wherein the interior surface of the box and the sealing surface of the pin maintain continuous contact.

5. (CANCELED)

6. (ORIGINAL) The pipe connection of claim 2, wherein the first predetermined angle and the second predetermined angle are different.

7. (CURRENTLY AMENDED) The pipe connection of claim 1, further comprising a rearmost pin thread and a protrusion forming a dovetail arrangement for securing an end section of the box.

8. (ORIGINAL) The pipe connection of claim 1, wherein the pin threads are spaced equidistant from each other.

9. (ORIGINAL) The pipe connection of claim 1, wherein the sealing surface is substantially smooth.

10. (CURRENTLY AMENDED) A box adapted for use in a pipe connection, said box comprising:

an interior surface for mating with a sealing surface of a pin;

an elongated thread section forming reverse locking threads along the entire length of the thread section; and

an end section for mating with a rearmost thread and a protrusion forming a dovetail arrangement of the pin, wherein the interior surface forms a metal-to-metal seal with the sealing surface and the thread section engages with the pin along the entire length of the thread section, preventing the exacerbation of corrosion of the threads;

wherein a majority of the threads comprise:

a front face oriented at a first predetermined angle; and

a rear face oriented at a second predetermined angle;

wherein the second predetermined angle is 45°; and

wherein the second predetermined angle is 45°.

11. (CANCELED)

12. (CANCELED)

13. (ORIGINAL) The box of claim 11, wherein the first predetermined angle and the second predetermined angle are different.

14. (ORIGINAL) The box of claim 10, wherein the interior surface is substantially smooth.

15. (CANCELED)